

Total No. of Pages: 2

Register Number:

7215

Name of the Candidate:

M.B.A. DEGREE EXAMINATION - 2015

(ENERGY MANAGEMENT)

(SECOND YEAR)

(PAPER – XI)

230. ENERGY EFFICIENCY IN ELECTRICAL UTILITIES

May)

(Time: 3 Hours

Maximum: 75 Marks

SECTION – A

Answer any FIVE questions.

(5 × 3 = 15)

1. What are the functions of electrical motors?
2. What is power factor?
3. Differentiate the function of fan and blower.
4. What are common refrigerants?
5. List the features of the four stroke diesel engine.
6. What are the types of lamps?
7. What are the functions of automatic power factor controller?
8. What do you mean by localized sustaining?

SECTION – B

Answer any THREE questions:

(3 × 10 = 30)

9. Explain the issues in motor replacement.
10. Discuss the types of refrigeration system.
11. Write a note on energy efficient lighting controls.
12. Explain the recommended illuminance levels for various tasks.
13. Briefly explain the basic terms in lighting system.

SECTION – C

Answer any ONE question:

(1 × 15 = 15)

14. Explain the various types of compressors.
15. Discuss the types of cooling towers.
16. Outline the practices in lighting.

SECTION – D

Compulsory question:

(1 × 15 = 15)

17. Discuss the energy efficient technologies in electrical system.

@ @ @ @ @